MMM MMM		ннн ннн	ннн		RRRRRRRR	***************************************	LLL
MMM MMM	TTTTTTTTTTTTTTT	ннн	HHH		RRRRRRRR	TTTTTTTTTTTTTTT	LLL
ммммм мммммм	TTT	ннн	HHH	RRR	RRR	TTT	LLL
ммммм мммммм	TTT	ннн	HHH	RRR	RRR	TTT	LLL
ммммм мммммм	TTT	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM MMM	III	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM MMM	TTT	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM MMM	TTT	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM	TTT	нинининини			RRRRRRRR	TTT	LLL
MMM MMM	TTT	нинининини		RRRR	RRRRRRRR	TTT	LLL
MMM MMM	TTT	нинининини	нннн		RRRRRRRR	TTT	LLL
MMM MMM	TTT	ННН	HHH	RRR	RRR	TTT	LLL
MMM MMM	111	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM	III	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM	TTT	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM	TTT	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM	TTT	ннн	HHH	RRR	RRR	TTT	LLL
MMM MMM	TTT	ннн	HHH	RRR	RRR	TTT	LLLLLLLLLLLLLL
MMM MMM	TTT	ННН	HHH	RRR	RRR	TTT	LLLLLLLLLLLLLL
MMM MMM	TTT	ннн	HHH	RRR	RRR	TTT	LLLLLLLLLLLLLL

SYMIT MITTER MIT

666666 666666

000000 00 00 00 00		\$	MM	UU	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
		\$			

0TS

- G COMPLEX*16 Multiplication Routine OTS\$MULCG Table of contents 16-SEP-1984 01:54:30 VAX/VMS Macro V04-00 Page 0 43 46 77 Edit History
DECLARATIONS
OTS\$MULCG_R3 - G COMPLEX*16 Multiplication (2) (3) (4)

OTS Sym

BAS EXP MTH MTH MTH OTS

PSE

_01

Pha Ini Com Pas Sym Pas Sym Pse Cro Ass

The 259 The 235

Mac _\$2 0 6

MAC

The

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16-SEP-1984 01:54:30
6-SEP-1984 11:27:42
                                                                                                      VAX/VMS Macro VO4-00
[MTHRTL.SRC]OTSMULCG.MAR; 1
                                                                                                                                                         Page
                                  .TITLE OTS$MULCG - G COMPLEX*16 Multiplication Routine .IDENT /1-001/ ; File: OTSMULCG.MAR
COPYRIGHT (c) 1978, 1980, 1982, 1984 BY DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. ALL RIGHTS RESERVED.
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                          CORPORATION.
                          DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
                          SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
                      FACILITY: Language-independent support library
                       ABSTRACT:
                                  A routine to provide compiled code support for G COMPLEX*16
                                 multiplication.
              36
37
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39
                      ENVIRONMENT: User Mode, AST Reentrant
```

AUTHOR: Steven B. Lionel, CREATION DATE: 13-July-1979

- G COMPLEX*16 Multiplication Routine

**

(1)

- G COMPLEX*16 Multiplication Routine 16-SEP-1984 01:54:30 VAX/VMS Macro V04-00 Page 2 Edit History 6-SEP-1984 11:27:42 [MTHRTL.SRC]OTSMULCG.MAR;1 (2)

000 43 .SBTTL Edit History 000 44 ; 1-001 - Original. SBL 13-July-1979 OT Ta

OTS

MTHSFLAG_JACKET

MOVAB

128 :+

GAMTHSSJACKET_HND, (FP)

9E

00000000°GF

: Establish math error handler

: handler

set handler address to jacket

1-

```
01
```

```
OTS$MULCG
                                        - G COMPLEX*16 Multiplication Routine
                                                                                            16-SEP-1984 01:54:30
6-SEP-1984 11:27:42
                                                                                                                       VAX/VMS Macro V04-00
[MTHRTL.SRC]OTSMULCG.MAR; 1
Symbol table
                   = 00000004
                   = 0000000C
= 00000014
                   = 0000001C
MTH$$JACKET_HND
                     *******
OTS$MULCG_R3
                      00000000 RG
                                                               Psect synopsis
PSECT name
                                        Allocation
                                                                  PSECT No.
                                                                               Attributes
                                        00000000
    ABS
                                                                                         USR
                                                                                                 CON
                                                                                                                LCL NOSHR NOEXE NORD
                                                                                                                                           NOWRT NOVEC BYTE
_OTS$CODE
                                        0000002E
                                                                                 PIC
                                                                                         USR
                                                                                                CON
                                                                                                        REL
                                                                                                                LCL
                                                                                                                       SHR
                                                                                                                              EXE
                                                                                                                                      RD
                                                                                                                                           NOWRT NOVEC LONG
                                                           Performance indicators !
Phase
                               Page faults
                                                  CPU Time
                                                                     Elapsed Time
----
                                                                     00:00:01.03
Initialization
                                                  00:00:00.09
                                                                     00:00:07.31
                                                  00.00:00.83
Command processing
                                                                     00:00:04.60
                                                  00:00:00.60
Pass 1
Symbol table sort
                                                  00:00:00.00
                                                                     00:00:00.01
                                                  00:00:00.46
Pass 2
                                                                     00:00:02.79
                                                                     00:00:00.01
Symbol table output
                                                  00:00:00.01
Psect synopsis output
                                                  00:00:00.02
                                                                     00:00:00.02
                                                  00:00:00.00
                                                                     00:00:00.00
Cross-reference output
Assembler run totals
                                                  00:00:02.02
                                                                     00:00:15.77
The working set limit was 750 pages.
2250 bytes (5 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 6 non-local and 0 local symbols.
202 source lines were read in Pass 1, producing 11 object records in Pass 2.
1 page of virtual memory was used to define 1 macro.
                                                       A------
                                                         Macro library statistics !
Macro library name
                                                        Macros defined
                                                                      0
_$255$DUA28:[SYSLIB]STARLET.MLB;2
```

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL, TRACEBACK)/LIS=LIS\$:OTSMULCG/OBJ=OBJ\$:OTSMULCG MSRC\$:MTHJACKET/UPDATE=(ENH\$:MTHJACKET)+MSRC

O GETS were required to define O macros.

There were no errors, warnings or information messages.

0264 AH-BT13A-SE

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